

Form PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		June 9, 1993	PAGE <u>1</u> OF <u>1</u>
	ATTY. DOCKET NO. 0756- 512 1173		SERIAL NO. <u>08/372,899</u> 07/993,391	
	APPLICANT Masaaki HIROKI et al.			
	FILING DATE <u>1-17-93</u> <u>Dec 18, 1992</u>		GROUP Art Unit 2504	

INFORMATION DISCLOSURE CITATION
 (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS													TRANSLATION	
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
I-2		0	3	4	9	4	1	5	03/01/90	EP				
I-2		63	0	8	2	1	7	7	12/04/88	JP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

OTHER DOCUMENTS (Including Author, Title, Date, Volume, Page)			
1.2			IBM Technical Disclosure Bulletin, Vol. 33, No. 6B, November 1990, New York, pgs. 384-385, XP000108914, "Driving Method for TFT/LCD Grayscale"
1.2			MOLECULAR CRYSTALS AND LIQUID CRYSTALS (INC. NONLINEAR OPTICS), Vol. 185, August 1990, CHUR CH pgs. 67-74, XP000162922 G.P. Montgomery et al. "Improving Multiplexability of Polymer-Dispersed Liquid Crystal Films by Dual Frequency Addressing"
EXAMINER	LAO, LUN - YZ		DATE CONSIDERED 4/22/05

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Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
0756-1173

Serial No. 08/372,899

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants: Masaaki HIROKI et al.

Filing Date: 01/17/95

Group Art Unit 2700

GROUP 2700

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
I-L	5,206,635	4/27/93	Inuzuka et al.	345	89	
I-L	5,854,879	12/29/98	Inuzuka et al.	345	89	
I-L	5,182,620	1/26/93	Shimada et al.	349	111	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No
I-L	2-199498	8/7/90	JP			Abstract
↓	3-288824	12/19/91	JP			Abstract
↓	4-283729	10/8/92	JP			Full
I-L	4-291240	10/15/92	JP			Full

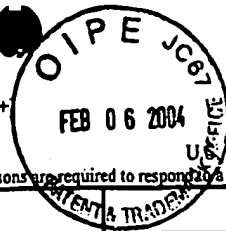
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner LAO, LUN-YZ

Date Considered 9/30/00.

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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/372,899
		Filing Date	January 17, 1995
		First Named Inventor	Masaaki HIROKI et al.
		Group Art Unit	2673
		Examiner Name	L. Lao
Sheet 1 of 1	Attorney Docket Number	0756-1173	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
P-I		5,572,345		Yamazaki et al.	11/05/1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ²	Kind Code ² (if known)				
P-I		JP	62-210422			09/16/1987		AB
P-I		JP	62-247330			10/28/1987		AB
P-I		JP	01-292315			11/24/1989		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³

Examiner Signature	<i>L. Lao</i>	Date Considered	5/11/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

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SERIAL NO.

07/993,391

INFORMATION DISCLOSURE CITATION

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APPLICANT

Masaaki HIROKI et al.

FILING DATE

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GROUP

Art Unit 2504

U.S. PATENT DOCUMENTS

1993

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DOCUMENT NUMBER

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

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TRANSLATION

YES

NO

22

0 3 4 9 4 1 5 03/01/90

EP

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63 0 8 2 1 7 7 12/04/88

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MOLECULAR CRYSTALS AND LIQUID CRYSTALS (INC. NONLINEAR OPTICS), Vol. 185,
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Multiplexability of Polymer-Dispersed Liquid Crystal Films by Dual Frequency
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